Missing Patient Register V. 1.0 Technical Manual
November 1994

Introduction
Orientation
Implementation and Maintenance
Routine Descriptions
File List
Exported Options
Cross References
File Diagram
Archiving and Purging
Callable Routines
External Relations
Internal Relations
Status Listings and Descriptions
Package-wide Variables
How to Generate On-line Documentation
Package Security
Glossary

Introduction

The Missing Patient Register is fully compatible with Kernel version 7.1, VA MailMan 7.0 and VA FileMan 20 and makes use of components of the following packages:

> DRG Grouper V10.0
> MAS/PIMS V5.3
> Mental Health V4.18 (not required)

Some major components of this package are:

- There is a Mailman/Server interface between the National Missing Patient Register, located at the Hines ISC's IPDB-CHICAGO.VA.GOV domain, and each VHA facility.

- Data relating to those patients reported missing from, or found by, your facility is shared nationally via the IPDB server interface.

- Every two days your site's National Missing Patient Register file (#850.9) will be purged and updated with a VHA combined list of all patients currently missing.

Orientation

This package uses the mandated VA FileMan conventions which are explained in a separate publication of the San Francisco ISC, <u>User's Guide to Computing</u>, and the <u>FileMan User Manual</u>.

Implementation and Maintenance

Following installation of the software, the mail groups (MPR MESSAGES and MPR COORDINATORS) should be populated and updated whenever necessary.

MPR MESSAGES: IRM staff and missing patient coordinators should be members of this mail group. Any problem with the data in the messages or the transmission of messages is sent to this mail group.

MPR COORDINATORS: Missing patient coordinators should be the members of this mail group. Initial and Found Reports are returned to this group.

Routine Descriptions

MPRCHK	All nationally missing patients have records in the local National Missing Patient Register file #850.9. Whenever a site accesses a patient record who also is a missing patient, this routine asks the user for confirmation that it is the same person and that the patient is currently present. This routine is called by MAS as part of a patient lookup.
MPREFN	Once a user identifies a national missing patient and confirms s/he has been found, this routine gathers data associated with the now found patient and creates the task to transmit the data to the National Missing Patient Register database.
MPREFTSK	This is the background data filer for the found patient. It either creates a new entry in local Missing Patient Register file #850 and stores the **found** patient data or edits an existing one.
MPREM1	This routine is used to enter or edit records in the local Missing Patient Register file #850. If the user does not '^' or time out and edits the record in any way, this routine creates a task to send the changes to the national database.
MPREM2	This routine is used along with MPREM1 to edit records in File #850.
MPREMTSK	This routine creates the mail message that is sent to the national database on a **missing** patient.
MPRIENV	This routine checks for the patches required for installation.
MPRIPOS1	This routine is used to convert any data in your database that was generated by the class III version of the software.
MPRIPOS2	This routine performs any additional cleanup of the class III version as necessary.
MPRIPOST	This routine builds the MPR mailgroups as needed and begins the cleanup of the class III version, if present.
MPRSACK	This server routine is used to receive the message that data has been acknowledged and added to the national database.
MPRSDATA	This server routine is used to receive and update data sent from the national database.
MPRNTEG	This is the standard kernel integrity check routine.

File List

File #	File Name	Global	Description
850	Missing Patient Register	^MPR(850,	The Missing Patient Register file holds data for local patients that have been missing over 72 hours, or patients reported missing at another facility and found locally.
850.1	Missing Patient Site Parameters	^MPR(850.1,	This file holds the site parameters for the package.
850.9	National Missing Patient Register	^MPR(850.9,	This file contains a current listing of all patients missing nationally. It is automatically updated every two days. For this reason it is imperative that the file structure is not changed. In addition, because of the transient nature of the data, pointers to this file will be invalid every two days. Do not point any fields to this file.

Exported Options

The MPR MAIN menu option should be provided to those end users who work with missing patient information.

Missing Patient Register Menu (MPR MAIN)
|
|
--PRT Missing Patient Print [MPR MISSING PATIENT PRINT]

--FND Enter/Edit Found Patient [MPR FOUND ENTER/EDIT]

--MIS Enter/Edit Missing Patient [MPR MISSING ENTER/EDIT]

Server options, not part of a menu:

MPR Acknowledgment Server [MPRSACK]

MPR Data Server [MPRSDATA]

Cross References

File, Field #	Field Name	X-Ref	Description
850,100	National Status	AD	Regular cross-reference. Used for the identification of nationally closed records.
850,.01	Patient Name	B	Regular cross-reference used for look-up.
850.1,.01	Domain	B	Regular cross-reference used for look-up.
850.9,.01	SSN	B	Regular cross-reference used for look-up.
850.9,5	Name	C	Regular cross-reference used for look-up.

File Diagram

```
FILE (#)                    POINTER          (#) FILE
  POINTER FIELD               TYPE         POINTER FIELD    FILE POINTED TO
-------------------------------------------------------------------------
         L=Laygo      S=File not in set     N=Normal Ref.      C=Xref.
         *=Truncated     m=Multiple           v=Variable Pointer

                              --------------------
                             | 850 MISSING PAT* |
                             |  PATIENT NAME     | -> PATIENT
                             |  REPORTING STAT*  | -> INSTITUTION
                             |  REPORTING STAT*  | -> MEDICAL CENTER *
                             |  PRIMARY DIAG A*  | -> ICD DIAGNOSIS
                             |  STATION FOUND    | -> INSTITUTION
                              --------------------
                              --------------------
                             | 850.1 MISSING P* |
                             |  DOMAIN           | -> DOMAIN
                             |  NATIONAL SERVE*  | -> DOMAIN
                              --------------------
                              --------------------
                             | 850.9 NATIONAL * |
                             |  DIAGNOSIS        | -> ICD DIAGNOSIS
                              --------------------
```

Archiving and Purging

No archiving or purging provisions for Missing Patient Register file (#850) are enclosed at this time.

The National Missing Patient Register file (#850.9) is purged and updated every two days. This file will never contain more records than the current number of patients missing nationwide.

Callable Routines

There are no callable routines in this package.

External Relations

FILE#	FILE NAME	USAGE
2	Patient	Used for identification of the patient and patient records in the IPDB system and Decentralized Hospital Computer Processing (DHCP).
4	Institution	Used to identify the reporting institution in the Missing Patient Parameter file #850.1.
4.2	Domain	Used to identify the domain origin of a Missing Patient Register entry.
40.8	Medical Center Division	Used for delivery of requests to the user or to the default at multi-divisional stations for delivery of requests.
80	ICD Diagnosis	Used by the File (#850) to indicate the latest diagnosis of the missing patient.
618.4	Mental Health Inpt	Used to determine if the patient has been involuntarily committed.

Internal Relations

The Missing Patient Register Main menu was designed to be given, as exported, to the users. However, the options may be invoked independently and tailored to the user.

The server options, MPR Acknowledgment Server and MPR Data Server are meant to be invoked only by incoming MailMan messages addressed to them. They should not be placed on menus, or invoked independently by any other means.

Status Listings and Descriptions

The Missing Patient Register file (#850) National Status field (#100) represents a "national status" of the entries progression. This listing shows the status entries in the order of occurrence.

STATUS	DESCRIPTION
B	**BEGINNING** The initial status of a missing patient entry.
A	**DB DELIVERY** At transmission, the initial entry status changes to indicate delivery to the central database.
W	**WORKING** a) At the Medical Center, this status indicates the entry has been made into a MailMan message. b) At the central database, this status indicates IPDB search routines have initiated query processing.
T	**TRANSFER** Following IPDB query completion, this status indicates readiness in transferring information to the originating station.
R	**IN PROGRESS, FIRST** A MailMan message is in process, but not complete.
S	**SEARCH RUN** a) At the Medical Center, this status is assigned after delivery of the initial report. b) At the central database, the message is completed and is ready to search OPC and PTF data.
WS	**WORKING, SEARCH RUN** The search of OPC and PTF data is in process.
F	**FOUND** This status may be issued at either the central database or at a Medical Center indicating an initial found entry.
RF	**IN PROGRESS, SECOND** Status given as found process is converted into MailMan message.
C	**CLOSED** Any further search for this entry of this occurrence is closed.

Package-wide Variables

No package-wide variables are in use with the Missing Patient Register package.

How to Generate On-line Documentation

On-line documentation is provided throughout the package through the use of the convention of one, two, or three question marks. The List Files option of VA FileMan can be used to produce the various data dictionaries used in the package.

%Index may be used as a cross-reference listing of all local and global variable usage as well as other information of invaluable assistance in debugging.

Package Security

Security is maintained through menu distribution and assignment. There are no security keys associated with this package.

FILE #	FILE NAME	D D	R E A D	W R I T E	D E L E T E	L A Y G O	A U D I T
850	Missing Patient Register	@	@	@	@	@	@
850.1	Missing Patient Site Parameters	@	@	@	@	@	@
850.9	National Missing Patient Register	@	@	@	@	@	@

Glossary

Acknowledgment of Record   Record status indicating that the transmitted data was received.

Closed/Found   Record status indicating that the patient was found and/or the record closed.

Found Report   A report initiated by the site that found the patient that is eventually sent to the site originally reporting the patient as missing. Includes date and condition of patient when found.

Found Requirements Complete   Record status indicating that all necessary data supporting a patient as having been found has been entered into File #850.

Incomplete Record   Record status indicating that insufficient data has been entered into File #850 to make a record complete for a missing patient or complete for a found patient.

Initial Report   A report containing the missing patient's VA treatment history and any previous occurrences of being reported as missing. This report is sent from the national database to the site originally reporting the patient as missing.

IPDB   Integrated Patient Data Base.

MIRMO   Medical Information Resources Management Office.

NOK   Next of kin.

Record Requirements Complete	Record status indicating the all necessary data for either describing the missing patient or the found patient has been entered into File #850.

Record Status	The stage of the record from incomplete to closed. This field in File #850 is automatically updated by the system. See the glossary definitions of each of the following statuses:
	    Incomplete Record
	    Record Requirements Complete
	    Transmission in Progress
	    Acknowledgment of Record
	    Closed/Found
	    Found Requirements Complete

RPM	Resource Planning and Management.
Transmission in Progress	Record status indicating that data is being transmitted between the site and the national database.